

**Amendment to the Claims**

Claims 1-3: **(Withdrawn)**

4. **(Currently Amended)** An acoustic wave apparatus comprising:  
a piezoelectric substrate mainly containing lithium tantalate;  
an interdigital transducer including a conductor formed on said substrate; and  
a reflector including a conductor formed on said substrate,  
wherein a surface rotated in a range of  $34^{\circ}$  to  $41^{\circ}$  from a crystal Y axis around a crystal X axis of the lithium ~~tantalate~~ tantalite is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of an electrode finger constituting at least a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.01 to 0.05, and a duty ratio ( $w/p$ ) of the electrode finger decided based on a width  $w$  and an arraying cycle  $p$  of the electrode finger is set to the value ranging from 0.6 to just below 1.0.

5. **(Previously Amended)** An acoustic wave apparatus comprising:  
a piezoelectric substrate mainly containing lithium tantalate;  
an interdigital transducer including a conductor formed on said substrate; and  
a reflector including a conductor formed on said substrate,  
wherein a surface rotated in a range of  $35^{\circ}$  to  $42^{\circ}$  from a crystal Y axis around a crystal X axis of the lithium tantalate is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of an electrode finger constituting at least a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.05 to 0.075, and a duty ratio ( $w/p$ ) of the electrode finger decided based on a width  $w$  and an arraying cycle  $p$  of the electrode finger is set to the value ranging from 0.6 to just below 1.0.

6. **(Previously Amended)** An acoustic wave apparatus comprising:  
a piezoelectric substrate mainly containing lithium tantalate;  
an interdigital transducer including a conductor formed on said substrate; and

a reflector including a conductor formed on said substrate,  
wherein a surface rotated in a range of  $36^{\circ}$  to  $43^{\circ}$  from a crystal Y axis around a crystal X axis of the lithium tantalate is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of an electrode finger constituting at least a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.075 to 0.1, and a duty ratio ( $w/p$ ) of the electrode finger decided based on a width  $w$  and an arraying cycle  $p$  of the electrode finger is set to the value ranging from 0.6 to just below 1.0.

Claims 7-9: **(Withdrawn)**

10. **(Previously Amended)** An acoustic wave apparatus comprising:  
a piezoelectric substrate mainly containing lithium tantalate;  
an interdigital transducer including a conductor formed on said substrate; and  
a reflector including a conductor formed on said substrate,  
wherein a surface rotated in a range of  $34^{\circ}$  to  $41^{\circ}$  from a crystal Y axis around a crystal X axis of the lithium tantalate is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of a part of an electrode finger constituting a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.01 to 0.05, and a duty ratio ( $w/p$ ) of a part of the electrode finger decided based on a width  $w$  and an arraying cycle  $p$  of a part of the electrode finger is set to the value ranging from 0.6 to just below 1.0.

11. **(Previously Amended)** An acoustic wave apparatus comprising:  
a piezoelectric substrate mainly containing lithium tantalate;  
an interdigital transducer including a conductor formed on said substrate; and  
a reflector including a conductor formed on said substrate,  
wherein a surface rotated in a range of  $35^{\circ}$  to  $42^{\circ}$  from a crystal Y axis around a crystal X axis of the lithium tantalate is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of a part

of an electrode finger constituting a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.05 to 0.075, and a duty ratio ( $w/p$ ) of a part of the electrode finger decided based on a width  $w$  and an arranging cycle of a part of the electrode finger is set to the value ranging from 0.6 to just below 1.0.

12. **(Previously Amended)** An acoustic wave apparatus comprising:

a piezoelectric substrate mainly containing lithium tantalate;

an interdigital transducer including a conductor formed on said substrate; and

a reflector including a conductor formed on said substrate,

wherein a surface rotated in a range of  $36^\circ$  to  $43^\circ$  from a crystal Y axis around a crystal X axis of the lithium tantalate is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of a part of an electrode finger constituting a part of said reflector by a wavelength  $\lambda$  of a surface acoustic wave is set in a range of 0.075 to 0.1, and a duty ratio ( $w/p$ ) of a part of the electrode finger decided based on a width  $w$  and an arraying cycle  $p$  of a part of the electrode finger is set to the value ranging from 0.6 to just below 1.0.